

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/523,062
Source: PGT/10
Date Processed by STIC: 2/22/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>10/523,062</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/523,062

DATE: 02/22/2005

TIME: 08:21:00

Input Set : A:\1386-Seq-WO.txt

Output Set: N:\CRF4\02222005\J523062.raw

3 <110> APPLICANT: Epigenomics AG
 5 <120> TITLE OF INVENTION: Method for amplification of nucleic acids of low complexity
 7 <130> FILE REFERENCE: E01/1386/WO
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/523,062
C--> 9 <141> CURRENT FILING DATE: 2005-02-02
 9 <160> NUMBER OF SEQ ID NOS: 160
 11 <210> SEQ ID NO: 1
 12 <211> LENGTH: 322
 13 <212> TYPE: DNA
 14 <213> ORGANISM: Artificial Sequence
 16 <220> FEATURE:
 17 <223> OTHER INFORMATION: 2025 *ppr1-6*
 19 <400> SEQUENCE: 1
 21 aatcctccaa attctaaaaa cataaaaaata acgcaaccca aaaacaaaaa acccctccgc 60
 22 ccattaatta ctatacacta acgaaactt cccgaccac aacgacgaaa ataaaaacaa 120
 23 tcgctaacgc taaaaaacat caaaaacact acccaaccca aatatcgccg ccgttccac 180
 24 aaaaactctac taaacgcgc cgccgccct accacggct ctaatccaaa ccacctcccg 240
 25 ccaaataaaac cccgaaatcc taactcaaat atatatctt ccctccctt ccctccattc 300
 26 gtcattttct cactccctt cc 322
 28 <210> SEQ ID NO: 2
 29 <211> LENGTH: 413
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Artificial Sequence
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: 2044 *Insufficient explanation of Artificial Sequence. Please give source of genetic material (see item 11 on Error Summary Sheet)*
 36 <400> SEQUENCE: 2
 38 ggataggagt tgggattaag atttcgtt agttcgtat ttttcgtat ttttagtat 60
 39 cgttcgtat tttcgtatt ttttcggtt ttatcacgtt ttttatgtga ttcgttggg 120
 40 taacgtcgaa tttagtcgct tagcgttcta gtgaatttt ttttaaatt gtaataagtc 180
 41 gtttttaaag gtaattacgt tttttttgtt ttttttaaa aaataaaaaa taaaaaattt 240
 42 atagaaaaaa attcgcgagt ttagaaaaaa gaagtaattt gtagaagggtt ttaattaagg 300
 43 taaagagttt taaggcgaag ttaagaaaat gtagtattt aaaaaatgtt ggtatcccc 360
 44 ataagggttt ttggggagag gtatatacgat ggatcccgtt gttaaaaag att 413
 46 <210> SEQ ID NO: 3
 47 <211> LENGTH: 347
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Artificial Sequence
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: 2045
 54 <400> SEQUENCE: 3
 56 aaccctttct tcaaattaca aaccttctta cttcaaaacc tcgactccaa caccaatccg 60
 57 aaaaaaaaaac ccaatctaat aaaatacgct cccttcctac cattctctat tccattaacc 120
 58 tatttcgtaa taaacgtaaa actaatcctc caaaattacc ttattaatta acttacat 180

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/523,062

DATE: 02/22/2005

TIME: 08:21:00

Input Set : A:\1386-Seq-WO.txt
 Output Set: N:\CRF4\02222005\J523062.raw

59 ttattatcta tctatccac	caaaatacaa	atttccgaaa	aacaaaaatt	taaaaaaatc	240
60 tattttattc tatataattt	tcccatacca	aacaccgtac	ccgacacacaaa	ctaaaatccc	300
61 aatacacatc tcgaaacgaa	aaaaccgtat	ttccctaaaa	cccaatc		347
63 <210> SEQ ID NO: 4					
64 <211> LENGTH: 283					
65 <212> TYPE: DNA					
66 <213> ORGANISM: Artificial Sequence					
68 <220> FEATURE:					
69 <223> OTHER INFORMATION: 2106					
71 <400> SEQUENCE: 4					
73 ttgaaaataa gaaaggttga	ggtagagagg	ataatatagt	tttagtttat	tttttagtat	60
74 ttgttaatt tttttaatt	tttagttata	aattcgagat	ataacgtttt	ttttttaaag	120
75 aggtcgcggt	tttttgtgg	tggtttttag	ggattcggtt	tagtttttt	180
76 gtttatata ttgggattat	tagtattta	agattttatt	tttaggtgg	tatTTTtagc	240
77 gtaggttgtt atttagttt	tttttaggga	tttggggtag	aag		283
79 <210> SEQ ID NO: 5					
80 <211> LENGTH: 211					
81 <212> TYPE: DNA					
82 <213> ORGANISM: Artificial Sequence					
84 <220> FEATURE:					
85 <223> OTHER INFORMATION: 2166					
87 <400> SEQUENCE: 5					
89 ttttggat tggtaggggt	tatcggggtt	ggggggcg	ggtttgtgg	taaggcgggc	60
90 ggaggcgtgg	attttcgtt	cgtatgatagg	gttgaggag	gaaggggcg	120
91 gggaaagggtgg	gaagagttt	gtcggggtt	taaattgggt	gaagcgttga	180
92 ttttcgttgg	aggatagg	taaagggttat	g		211
94 <210> SEQ ID NO: 6					
95 <211> LENGTH: 497					
96 <212> TYPE: DNA					
97 <213> ORGANISM: Artificial Sequence					
99 <220> FEATURE:					
100 <223> OTHER INFORMATION: 2188					
102 <400> SEQUENCE: 6					
104 ttttagatg aggttttagg	gtttaaaggat	tatTTTTT	tttagcggtt	gtcgggaaa	60
105 ggtaagttc gggcgggagc	gtacgtcg	tttcaagt	ttggTTTT	cgttacgttt	120
106 atttttttttt tttatTTT	cg	tttttttag	ttttttttc	ggtgaatcg	180
107 agttttttat tttcggttt	cggcggtt	tcgggtttt	cgtaaagtgc	tttttattt	240
108 ggagggttta gttagcggtt	tttcggaggt	tggcgggtt	ggcgtggc	gcggtaggag	300
109 ttggcgcgt acggttatcg	cgcgtggagg	agatattgtt	ttgtcgcgt	gggggttcgg	360
110 ggcgttttt tacgtcgtag	gtaagcgggg	cggcggttgc	ggtatttgc	tatcgggag	420
111 tttttttttt tttttttttt	gttgggtttt	ttgtattttt	tcgggggagg	atagaagaaa	480
112 aaggaggtt aatggat					497
114 <210> SEQ ID NO: 7					
115 <211> LENGTH: 373					
116 <212> TYPE: DNA					
117 <213> ORGANISM: Artificial Sequence					
119 <220> FEATURE:					
120 <223> OTHER INFORMATION: 2191					
122 <400> SEQUENCE: 7					

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/523,062

DATE: 02/22/2005

TIME: 08:21:00

Input Set : A:\1386-Seq-WO.txt

Output Set: N:\CRF4\02222005\J523062.raw

124 ggaggggaga gggtatgcg atttatattt tggtaggtt cggggagggtt tttgttttc 60
 125 gggagtttg ttcgggttt ttggcgtag ggttggggg ttttaggttag gaacgagagg 120
 126 gtgaggtta tatgtggtc ggcgggttag ggcgggtgt agcgtttta ttgttcggt 180
 127 tggtaggggt tgcggcagc cggttagta gtagcgagt taggtcgcgt agattttattt 240
 128 gatgagttt gatttttagt atttttta agttaagaag agtttagcgt attttcggt 300
 129 tggtttattt tagttttttt gtttagttt ttttagttta tttttttcgt tttgttttg 360
 130 gggtgttat agt 373
 132 <210> SEQ ID NO: 8
 133 <211> LENGTH: 368
 134 <212> TYPE: DNA
 135 <213> ORGANISM: Artificial Sequence
 137 <220> FEATURE:
 138 <223> OTHER INFORMATION: 2194
 140 <400> SEQUENCE: 8

142 ttttggaat gggttgtatc gagaggatcg attagttta gggtttagt gagggggtag 60
 143 tggaaatttag cgagggtttt agatgtttt agtatgtacg agttttagt tagagaaaaaa 120
 144 gtcgggagat aaaggatcg cgtgttatta aattgtcgct gtagtcgtag ttatthaagt 180
 145 gtcggatttg tgatgtttt gcgttttag tttcggata gaagttggag aatttttttg 240
 146 gagaattttt cgaggtagga gacgagattt ttaataattt attatttttt tttgcgtttt 300
 147 ttatgtcgtt ttcgttggaa taaacgatag ttatgtttt tttgacgata ggatggaggt 360
 148 taaggta 368
 150 <210> SEQ ID NO: 9
 151 <211> LENGTH: 352
 152 <212> TYPE: DNA
 153 <213> ORGANISM: Artificial Sequence
 155 <220> FEATURE:
 156 <223> OTHER INFORMATION: 2212
 158 <400> SEQUENCE: 9

160 ttgttggag ttttaagtt ttgtgagaat tttggagtt ggtgatgtta gattagttgg 60
 161 gttatgtaa ggttagtagt tcgggttaggg tttatcgaaa gtttattcgat atatatttagg 120
 162 taatttaattt ttttattttt tgatgtatggaa gtagtaggaa gtgagttgtt tagaggttagg 180
 163 agggtttattt ttttggaaa ggggggatataa gaattttttt atgcgagttt tttgaggatt 240
 164 gggatgtcga gaacgcgagc gattcgagta gggttttttt gggtatcgct ggggtaggat 300
 165 tcggAACGTA ttcgttgggtt tttttgttaaattt ttttgggtttt gaaaggagaat tt 352
 167 <210> SEQ ID NO: 10
 168 <211> LENGTH: 295
 169 <212> TYPE: DNA
 170 <213> ORGANISM: Artificial Sequence
 172 <220> FEATURE:
 173 <223> OTHER INFORMATION: 2267
 175 <400> SEQUENCE: 10

177 gtaatttggaa gaaagttgag gggaggcggtt agatgtttt atttatttagg gaaaacgtgg 60
 178 acgttttttgg tttttttttt gtgtatgtt gttttaggtt ttttttttagg taaatatttg 120
 179 gacgtggaa tttttggatgtt gtttgggggg gtcgttgggg gttttttttt gtcgttgggg 180
 180 gttttcggtt ggggttgggtt agggaaatatgtt atttggatgtt acgagagatgtt taggggttgg 240
 181 acgtcgagga gaggagaag gttttcggtt ggggttgggtt tttttttttt gtttgggttgg 295
 183 <210> SEQ ID NO: 11
 184 <211> LENGTH: 278
 185 <212> TYPE: DNA

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/523,062

DATE: 02/22/2005

TIME: 08:21:00

Input Set : A:\1386-Seq-WO.txt
 Output Set: N:\CRF4\02222005\J523062.raw

186 <213> ORGANISM: Artificial Sequence
 188 <220> FEATURE:
 189 <223> OTHER INFORMATION: 2317
 191 <400> SEQUENCE: 11

193 ggagttgtat tttgggaga tttgggtgta gatgatgggg atgttaggat tattcgaatt	60
194 taaagtgtaa cgtttaggta gaggagtgg aaaaaatggggat tttttagtc ggtttaaagc	120
195 gtatttttt gtatatttt tcgggtgtgg gcgtaggaa tttttaaat aaaagatgtat	180
196 taaagtattt aggttgaga tttttggatt tcgaaatatt gagaatttat agttgtat	240
197 tttagagttt atggatattt agtggaaattt ggggtttt	278

199 <210> SEQ ID NO: 12
 200 <211> LENGTH: 285
 201 <212> TYPE: DNA
 202 <213> ORGANISM: Artificial Sequence
 204 <220> FEATURE:
 205 <223> OTHER INFORMATION: 2383
 207 <400> SEQUENCE: 12

209 ttgttattttt gtttggaaatgt gtcgttagtt ttctgtgtaa ttttattttt tgaaaatgt	60
210 gaatttagttt gtattgttta gcgtgatttt tgagggttag ttttaatagt taaaagaatgt	120
211 aatggggatg ttatccgc ggggttcgtt ttccgcgagg tggttatttc gtattgtta	180
212 tgtaaaacga gggagcgtta ggaaggattt cgtttgtaa agttattgtt tttgttattt	240
213 agttttattt taatgtttc gtgttgtt tttgttattt tttgg	285

215 <210> SEQ ID NO: 13
 216 <211> LENGTH: 380
 217 <212> TYPE: DNA
 218 <213> ORGANISM: Artificial Sequence
 220 <220> FEATURE:
 221 <223> OTHER INFORMATION: 2387
 223 <400> SEQUENCE: 13

225 gattttttggaa gagggaaatgtt agtggttttt tggtttttt cggatattttt tttaaggcgaa	60
226 ttagttttaga attgttttgc ggaagcgttc gggtaatgt tgcaagaag aaaaatgtt	120
227 tggcgaaaat ttgtcggtt gggcggtgg aattcggttgg gggatggggat ggtttttttt ggtttttttt	180
228 ggagagtggg gattttttt tttgtttta aattgggttgg tttttttttt ttttcgtttt	240
229 ttttattttc gtggtaaaaa aattttgtt ttatcggtt tacgttattt tttaagggg	300
230 agaggaggaa aaaatgttgg ggggttacgtt aaaggcgaa agaaatgtt atttcgttt	360
231 atgggtttgg tttttttttt	380

233 <210> SEQ ID NO: 14
 234 <211> LENGTH: 397
 235 <212> TYPE: DNA
 236 <213> ORGANISM: Artificial Sequence
 238 <220> FEATURE:
 239 <223> OTHER INFORMATION: 2391
 241 <400> SEQUENCE: 14

243 tggggtaatgtt taggttgggg acgcgtgttt ttattttacgtt gggacgggtgg	60
244 aggagagtta ggcgggttc ggggttggg ttttttacgtt aatggttttt ttgggtttttt	120
245 ttgcgttttcg tcgggttttta ttttttttttta aaaaacgggtt ttatgttttta gtattttttt	180
246 ttgcgttttta attaggtt ttttttttttta aatgggttttgcgaaatgtt cgttattttcg	240
247 cgggtttttt taggtgggtt ttttttttttca gggatgttttgggatgttttgggatgtttt	300
248 cgagttcgcg tggcgtaaga gtacgacgtt cggatgttttgggatgttttgggatgtttt	360
249 gggatgttttgggatgttttgggatgttttgggatgttttgggatgttttgggatgttttgggatgtttt	397

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/523,062

DATE: 02/22/2005

TIME: 08:21:00

Input Set : A:\1386-Seq-WO.txt
 Output Set: N:\CRF4\02222005\J523062.raw

251 <210> SEQ ID NO: 15
 252 <211> LENGTH: 547
 253 <212> TYPE: DNA
 254 <213> ORGANISM: Artificial Sequence
 256 <220> FEATURE:
 257 <223> OTHER INFORMATION: 2395
 259 <400> SEQUENCE: 15

261	ttttgtatt	ggggtaggtt	tcggtaggtg	tatggagga	agtacggaga	attataagt	60
262	tttcgatt	tttagtttag	acgttgttgg	gttttttcg	ttggagatcg	cgtttttttt	120
263	aaattttgt	gagcgttgcg	gaagtacgcg	gggttcgggt	cgttgagcgt	tgtaagatag	180
264	gggaggggagt	cggccggag	agggaggggc	ggcgtcgggg	cgggtttga	tatagagtag	240
265	gcgtcgcggg	tcgtagtata	gtcggagatc	gtagttcgg	gttcgggtta	gggtttattt	300
266	gtttcgttag	cgtcggttcg	cgttttttg	tcgtagttat	cggtagtgcgt	cgcgttttg	360
267	agattttcgg	gtcgatgcg	cggcggttt	agtttcgag	cgttgcgttgcgt	tttcgttttg	420
268	gttgttccg	gtttttggg	ttttcggcg	gttgcgttgcgt	gttaaggcgt	ttcgtttcgg	480
269	gcgttttcg	cgggtgtcga	tttaggttgcgt	tcggagttcg	gagttatag	aggagagaga	540
270	tagtgg						547

272 <210> SEQ ID NO: 16
 273 <211> LENGTH: 414
 274 <212> TYPE: DNA
 275 <213> ORGANISM: Artificial Sequence
 277 <220> FEATURE:
 278 <223> OTHER INFORMATION: 2401
 280 <400> SEQUENCE: 16

282	attagaagtg	aaagtaatgg	aatttcgtat	taaatataat	attattttt	tgttagatgtt	60
283	ttttgagtat	aataaaattt	aattgtgtta	atgttggag	aaaaaattt	aaagaagaac	120
284	ggagcgaata	gtagttttt	cgttcgttga	ttagaaatag	taggacgata	tttttcgtat	180
285	tggaggagag	cgtttgcgtt	cgtatttat	tggcggtcg	ttttttgttt	tttttttagt	240
286	cgtttttttt	ttttttttt	gcgttttagt	tattcggaa	gttattgcgg	tagttgggtt	300
287	ttgatttgcgtt	gttttgaag	tttacgggtt	attcgattgg	tgaattcggg	gttttttagc	360
288	gcggtgagtt	tgaattgtt	cgtatttgtt	tttaaagttt	gtttttggaa	attt	414

290 <210> SEQ ID NO: 17
 291 <211> LENGTH: 272
 292 <212> TYPE: DNA
 293 <213> ORGANISM: Artificial Sequence
 295 <220> FEATURE:
 296 <223> OTHER INFORMATION: 2453
 298 <400> SEQUENCE: 17

300	ggatgggtt	attagttgt	aatcgtgaa	tttttttga	tataatgaaa	agatgagggt	60
301	gtataagttt	tttagtaggg	tgtatgtata	aaaagttatc	ggagtatttt	ataaggtata	120
302	aattttttaga	gatagtagag	tatataagtt	tttaggataa	gagtttagaa	gaaattatcg	180
303	gaaggaatta	ttttattgt	tgtaaatatg	attttaagt	tggcgtggt	ttttttggta	240
304	gttttttga	ttttttagt	tttgcgtgaa	gg			272

306 <210> SEQ ID NO: 18
 307 <211> LENGTH: 391
 308 <212> TYPE: DNA
 309 <213> ORGANISM: Artificial Sequence
 311 <220> FEATURE:
 312 <223> OTHER INFORMATION: 2484

The types of errors shown exist throughout the sequence listing. Please check subsequent sequences for similar errors.

The types of errors shown exist throughout the sequence listing. Please check subsequent sequences for similar errors.

The types of errors shown exist throughout the sequence listing. Please check subsequent sequences for similar errors.

IMPORTANT

The types of errors shown exist throughout the sequence listing. Please check subsequent sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/523,062

DATE: 02/22/2005
TIME: 08:21:01

Input Set : A:\1386-Seq-WO.txt
Output Set: N:\CRF4\02222005\J523062.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:53; N Pos. 1371

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/523,062**

DATE: 02/22/2005

TIME: 08:21:01

Input Set : **A:\1386-Seq-WO.txt**

Output Set: **N:\CRF4\02222005\J523062.raw**

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:1320